

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph that runs from lines 5-11 on page 1 of the specification as follows:

The present invention relates to a data network and a telecom network related to Internet/Intranet and LANs, and specifically, relates to ~~a~~an interfacing apparatus and method for adapting Ethernet directly to a physical channel, providing an Ethernet interface in a telecom SDH/SONET transmission device or providing facilities to remote access datacom-~~device~~ devices, such as core and edge routers, switch devices, IP based network accessing equipment, line cards, and interfacing units used in high speed-~~application~~ applications, e.g. adapting a MAC frame directly to SDH/SONET.

Please amend the paragraph that runs from lines 25-32 on page 12 of the specification as follows:

Fig. 17 illustrates the LAPS frame format according to the present invention. As shown in Fig. 17, the LAPS encapsulation consists of ~~the~~a start Flag Sequence, an address field (one single octet), a control field (0x03), a SAPI field (SAPI, Service Access Point Identifier, two octets), an Information field (Ipv4, Ipv6, or PPP protocol data unit), a FCS (Frame check sequence) and ~~the~~an ending Flag Sequence. The Flag Sequence (0x7E) identifies the beginning/end of a LAPS frame. ~~In stead~~Instead of placing the SAPI field in the address field as ~~that shown~~ in Fig. 4, the format in Fig. 17 uses a separate SAPI field following the control field, and the address field will have its own usage, as ~~will be~~ described below.